

MODELS: Beechcraft B17L, SB17L, B17B

T.C. NUMBFR: ATC 560

I - SPECIFICATIONS PERTINENT TO ALL MODELS:

Placard speeds	
Landplane	Level flight or climb - 170 mph Ind. Glide or dive - 225 mph Ind. Flaps extended - 115 mph Ind.
Seaplane	Level flight or climb - 150 mph Ind. Glide or dive - 223 mph Ind. Flaps extended - 100 mph Ind.
Fuel	50 gallons (two tanks in upper wings at 25 gallons each) (+45.5)
Oil	5 gallons (-13)
No. passengers	4 maximum (front +19, rear +60.5) (See NOTE 3)
Standard weight	Landplane 3165 lbs.; Seaplane 3525 lbs.
Baggage	125 lbs. (See NOTE 3)
C.G. limits	Landplane (for serial Nos. 3 thru 25) (+16.6) and (+30.3) (for serial nos. 26 and up) (+16.6) and (+29.4) Seaplane (+19.4) and (+29.7)
Spec. basis	Approved Type Certificate No. 560
Serial Nos.	Landplane 3 and up manufactured prior to 9-30-39 eligible Seaplane 40, 43 and up manufactured prior to 9/30/39 eligible Approval of both expired as of 9/30/39.

EQUIPMENT: (Datum is leading edge of lower wing) (\* Means net increase)

Class I:

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| A. Landplane (B17L and B17B)                                |          |
| 101. Engine ring cowl                                       | 30 lbs.  |
| 102. Battery (under floor in front of rear seat)            | 17 lbs.  |
| 103. Starter (Electric or Heywood)                          | 25 lbs.  |
| 104. Generator  | 10 lbs.  |
| 105. Heater   | 3 lbs.   |
| 106. 24 in. streamline wheels (with 4 or 6 ply tires)       |          |
| 107. 10x3 tail wheel  | 10 lbs.  |
| 108. Propeller  |          |
| (a) Fixed pitch wood  |          |
| (b) Fixed pitch metal                                       |          |
| B. Seaplane (SB17L): Items 101, 103, 104, 106, 108 (a) PLUS |          |
| 151. Edo 38-3430 float installation                         | 452 lbs. |
| 152. Battery (under floor in front of rear seat)            | 36 lbs.  |

Class II:

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| 200. | Miscellaneous items as noted in approved weight and balance report.  |
| 201. | Golf bag compartment (Drawing I-17006) (In bay of, and opens into, baggage compartment) (Maximum capacity 70 lbs. golf bag and clubs only.)  |
| 202. | Ballest installation maximum 25 lbs. (+210)  |
| 203. | Camera installation (Drawings B17E015, B17E046 and B17E902):<br>Camera and viewfinder 110 lbs. (+51);<br>operator's stool 4 lbs. (+65);<br>25 gallon fuel tank in baggage compartment 15 lbs. (+86)<br>Remove: Rear seat 31 lbs. (+62);<br>cover plates for camera and viewfinder 3 lbs. (+51) and rear fuselage fuel tank (+55) |

Class III:

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| 301. | Radio, variable (location and actual weight of installation including controls, etc., or name of manufacturer and model if already installed and included in empty weight should be noted on Inspector's report.) (Drawing I-17002 shows approved locations.) Manufacturer has substantiated 30 lbs. installed between limits of instrument board and baggage compartment so far as balance is concerned. Any additional must be substantiated |
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- by weight and balance.
- 302. Landing lights
    - (a) Under lower wing (Grimes) 3.5 lbs. each (+18)
    - (b) In wheel well (Hall) 3.5 lbs. each (+37)
  - 303. Battery
    - (a) Under floor in front of rear seat 25 lbs. or 36 lbs.
    - (b) In first bay aft of baggage compartment 36 lbs.
  - 304. Extra door 6 lbs.
  - 305. Flares - three 1-1/2 min. 18 lbs. (+79)
  - 306. Shielding
    - (a) Breeze 15 lbs.
    - (b) Packard 10 lbs.
  - 307. Miscellaneous extra instruments
  - 308. 6.50-10 or 7.50-10 wheels (Warner) with 7.50-10 (4 or 6 ply tires)
  - 309. Propeller - fixed metal (Curtiss 55501) 56 lbs.  
(Large size elevator must be installed and so noted on inspector's report. Distance from hinge centerline to elevator trailing edge increased from 18 in. to 20 in.)
  - 310. Propeller - controllable metal (Lycoming Smith P-220 hub and Pittsburgh B300SO blades) 127 lbs.  
(Large size elevator must be installed and so noted on inspector's report. Item 303(b) must be installed also unless C.G. check is made.)
  - 311. One or two extra 20, 23 or 25 gallon fuel tanks in lower wings (+24) and one 20 gallon tank in fuselage (+50) 20 lbs. each  
The 25 gallon tanks in upper wings may be replaced with 20 or 23 gallon tanks with no change in weight.
  - 312. 6, 7, 5 or 8.5 gallon oil capacity
  - 313. Electric motor and installation for auxiliary to manually operated retracting gear (25 amp fuse required) 8 lbs.
  - 314. Tail wheel steering device No change in weight
  - 315. Parachute seats
  - 316. "T" type or "throw-over" type controls
  - 317. Pressure fire ext. (Drawing I-17001) (Container at +14)
  - 318. Metal tank cover (Drawing I-17003)
  - 319. Camera well (Drawing I-17005)

NOTE 1. Serial Nos. B17L-3 to B17L-21, inclusive, may have aluminum firewalls at first fuselage bulkhead and must have original insulating material forward of this point removed. This material may be replaced by asbestos.

Serial Nos. B-17L-22 and up must have firewalls at first fuselage bulkhead conforming to Aero. Bulletin 7-A (as of 10-1-34), and may have asbestos insulating material forward of this point.

NOTE 2. Eligible for export as follows, subject to inspection for equipment specified in Chapter XII of Inspection Handbook: (August 27, 1937)

- (a) Canada - Landplane
  - Skiplane - not eligible
  - Seaplane - maximum standard weight 3430 lbs.
- (b) Australia - Landplane only
- (c) All other countries

NOTE 3. Five place type must be placarded for 75 lbs. baggage when 3 passengers occupy rear seat unless more is substantiated by C.G. check.

#### II - MODEL B17L, 5 PCLB:

Engine	Jacobs L-4
Placard limits	Maximum, except take-off - in. Hg., 2000 rpm (225 hp) Take-off (one minute) - in. Hg., 2000 rpm (225 hp)

#### III - MODEL SB17L, 5 PCSB:

Engine	Jacobs L-4
Placard limits	Maximum, except take-off - in. Hg., 2000 rpm (225 hp) Take-off (one minute) - in. Hg.,

2000 rpm (225 hp)

IV - MODEL B17B, 5 PCLB:

Engine  
Placard limits

Jacobs L-5  
Maximum, except take-off 22.5 in. Hg.,  
1950 rpm (225 hp)  
Take-off (one minute) - in. Hg.,  
2000 rpm (285 hp)